

WHAT IS CLAIMED IS:

1. An adaptor well-suited for use with a medical catheter, said adaptor comprising:

(a) a lumen, said lumen being adapted for fluid communication with the medical catheter; and

(b) a tube, said tube being adapted for fluid communication with an external conduit, said tube being rotatable about its longitudinal axis between an open position in which said tube is in fluid communication with said lumen and a closed position in which said tube is not in fluid communication with said lumen.

2. The adaptor as claimed in claim 1 wherein said lumen and said tube are generally perpendicular to one another.

3. The adaptor as claimed in claim 1 wherein said tube is shaped to include a front end, a closed rear end, a side wall, a channel extending from said front end to a point prior to said rear end, and a hole in said side wall in fluid communication with said channel.

4. The adaptor as claimed in claim 1 wherein said tube is shaped to include a front end, a rear end, a side wall, a channel extending from said front end through said rear end, and a hole in said side wall in fluid communication with said channel.

5. An adaptor well-suited for use with a medical catheter, said adaptor comprising:

(a) a body, said body being provided with a first channel and a second channel, said first channel and said second channel being in fluid communication with one another, said first channel being adapted for fluid communication with the medical catheter; and

(b) a stem, said stem having a front, a rear, a side wall, a cavity extending rearwardly from said front end, and a hole in said side wall in fluid communication with said cavity, said stem

being mounted within said second channel of said body and being rotatable between an open position in which said stem and said first channel are in fluid communication with one another via said hole and a closed position in which said stem and said first channel are not in fluid communication with one another.

6. The adaptor as claimed in claim 5 wherein said body is shaped to include an upper portion and a lower portion, said upper portion being disposed on top of said lower portion.

7. The adaptor as claimed in claim 6 wherein said lower portion is generally cylindrical and is shaped to include a tube support, said tube support being insertable into the proximal end of the medical catheter, said tube support surrounding at least a portion of said first channel.

8. The adaptor as claimed in claim 7 wherein said second channel is disposed within said upper portion, said second channel being accessible from the front of said upper portion.

9. The adaptor as claimed in claim 8 wherein said first channel and said second channel are generally perpendicular to one another.

10. The adaptor as claimed in claim 7 further comprising means for securing the medical catheter to said lower portion.

11. The adaptor as claimed in claim 10 wherein said securing means comprises a ring-shaped member, said ring-shaped member being insertable over the medical catheter and said lower portion.

12. The adaptor as claimed in claim 11 wherein said ring-shaped member is provided with a recess extending radially inwardly from its outer surface, said adaptor further comprising a rod insertable into said recess.

13. The adaptor as claimed in claim 7 wherein said lower portion is further shaped to include at least one step of increasing outer diameter on top of said tube support.

14. The adaptor as claimed in claim 7 wherein said lower portion is further shaped to include lower and upper steps of increasing outer diameter on top of said tube support, said lower step being insertable into the proximal end of the medical catheter, said upper step being externally threaded.

15. The adaptor as claimed in claim 14 further comprising a nut insertable over the proximal end of the medical catheter and engageable with said upper step for securing the medical catheter to said lower portion, said nut having a bore complementarily shaped to said upper step, said lower step and at least a portion of said tube support.

16. The adaptor as claimed in claim 7 wherein said lower portion is shaped to include a tube support surrounding at least a portion of said first channel, said tube support being insertable into the proximal end of the medical catheter and having a barb at its bottom end.

17. The adaptor as claimed in claim 6 wherein said upper portion has a top surface, said top surface being hourglass-shaped.

18. The adaptor as claimed in claim 5 wherein at least a portion of the periphery of said front end of said stem is shielded by said upper portion.

19. The adaptor as claimed in claim 18 wherein the entire periphery of said front end of said stem is shielded by said upper portion.

20. The adaptor as claimed in claim 5 wherein said second channel has a front end and a rear end, said front end of said stem being spaced rearwardly from said front end of said second channel.

21. The adaptor as claimed in claim 5 wherein said front end of said stem is externally threaded to engage a complementarily threaded sleeve .

22. The adaptor as claimed in claim 21 wherein said front end of said stem is externally threaded to engage a complementarily threaded sleeve surrounding a medical luer, said medical luer being insertable into said cavity of said stem.

23. The adaptor as claimed in claim 5 wherein said cavity of said stem is shaped to receive a medical luer.

24. The adaptor as claimed in claim 5 wherein the exterior of said side wall of said stem is shaped to include a stop block and wherein said second channel is shaped to include a pair of stop surfaces, said stop block being engageable with said stop surfaces in such a way as to limit the range of rotation of said stem between said open and closed positions.

25. The adaptor as claimed in claim 24 wherein said body is provided with a window to permit viewing of said stop block in said open and closed positions.

26. The adaptor as claimed in claim 25 wherein indicators are disposed on said body proximate to said window for correlating the position of said stop block with said open and closed positions.

27. The adaptor as claimed in claim 5 wherein the exterior of said side wall of said stem is shaped to include a snap seal and wherein said second channel is shaped to include a groove, said groove being shaped to receive said snap seal so as to keep said stem in place longitudinally within said second channel.

28. The adaptor as claimed in claim 5 wherein said rear of said stem is closed.

29. The adaptor as claimed in claim 5 wherein said rear of said stem is open.

30. The combination of an adaptor as claimed in claim 5 and a tube assembly, said tube assembly comprising a tube and a connector, said connector being hollow and having a proximal end

and a distal end, said proximal end being coupled to said tube for fluid communication therewith, said distal end being matingly engageable with said front end of said stem for fluid communication therewith.

31. The combination as claimed in claim 30 wherein said second channel has a front end, said front end of said stem being spaced rearwardly from the front end of said second channel.

32. The combination as claimed in claim 30 wherein said distal end of said connector is shaped to define a semi-annular tongue, and wherein said front end of said stem is shaped to define a complementary semi-annular tongue.

33. The combination as claimed in claim 30 wherein said food delivery device further comprises an O-ring secured around said connector and wherein said second channel is shaped to include a groove, said groove being dimensioned to receive said O-ring to maintain engagement of said stem and said connector.

34. The combination of an adaptor as claimed in claim 5 and a syringe, said syringe having an inner cannula and an internally threaded outer sleeve at its distal end, said front end of said stem being externally threaded to engage said internally threaded outer sleeve and wherein said cavity of said stem is shaped to receive said inner cannula.

35. The combination as claimed in claim 34 wherein said inner cannula is a medical luer.

36. A PEG device comprising a gastrostomy feeding tube having a proximal end and a distal end, an internal bolster secured to the distal end of the gastrostomy feeding tube, and an adaptor of as claimed in claim 1 secured to the proximal end of the gastrostomy feeding tube.

10037807 122604
FO922T 2082E00T

37. A PEG device comprising a gastrostomy feeding tube having a proximal end and a distal end, an internal bolster secured to the distal end of the gastrostomy feeding tube, and an adaptor of as claimed in claim 5 secured to the proximal end of the gastrostomy feeding tube.

38. The combination of an adaptor as claimed in claim 5 and a drainage catheter, said drainage catheter being coupled to said body so as to be in fluid communication with said first channel.

10037807 122601